



**SHEET GENERAL NOTES**

- A. A/V EQUIPMENT, MONITORS, CAMERAS, DATA CABLING, AND A/V CABLING BY OTHERS.
- B. FLOOR MOUNT RACEWAY SYSTEM EQUIVALENT TO EXTRON ELECTRONICS AV-TRAC 482R WITH AC POWER, RUBBER STRIP INLAY, ROUGH-IN ADAPTOR, AND ALL ACCESSORIES NECESSARY FOR COMPLETE AND OPERATIONAL SYSTEM. MODIFY CARPET AS NEEDED FOR RACEWAY SYSTEM.

## SHEET KEYNOTES

1. PROVIDE FLOOR-MOUNTED A/V RACEWAY SYSTEM SIMILAR TO AV-TRAC BY EXTRON ELECTRONICS. (SEE GENERAL NOTE B, THIS DRAWING). ROUTE ALL POWER, DATA, AND A/V CABLES INSIDE WALL CAVITY AND TRANSFER TO A/V RACEWAY SYSTEM AT LOWEST POSSIBLE LOCATION ON WALL. PROVIDE CHASE/BUSHINGS OR SLEEVES AT TOP OF WALL CAVITY FOR FUTURE DATA AND A/V CABLEING, BY OTHERS. PROVIDE PULL STRING IN WALL FROM MUD RING TO AN ACCESSIBLE LOCATION ABOVE CEILING.
2. NEW SMARTBOARD LOCATION. PROVIDE SINGLE-3/4" MUD RING AT SAME AS WAS ADJUSTED TO ACCEPT SMARTBOARD. PROVIDE CHASE IN UNFILLED WALL CORE AND SLEEVE AT TOP OF WALL CAVITY FOR A/V CABLEING, BY OTHERS. PROVIDE PULL STRING IN WALL FROM MUD RING TO AN ACCESSIBLE LOCATION ABOVE CEILING.
3. EXISTING MONITOR LOCATION TO BE CONTROLLED BY A/V CONTROLLER. CABLEING BY OTHERS. NOTE FOR REFERENCE ONLY.
4. EXISTING CEILING-MOUNTED PROJECTORS, MICROPHONES, AND SPEAKERS TO BE CONTROLLED BY A/V CONTROLLER. CABLEING BY OTHERS. NOTE FOR REFERENCE ONLY.
5. NEW CEILING-MOUNTED CAMERA TO BE CONTROLLED BY A/V CONTROLLER. CAMERA AND CABLEING BY OTHERS. NOTE FOR REFERENCE ONLY.
6. BACKSPEAK CABLEING FROM A/V CONTROLLER IN NORTH CONFERENCE ROOM TO A/V CONTROLLER IN SOUTH CONFERENCE ROOM BY OTHERS. NOTE FOR REFERENCE ONLY.
7. SEE TYPICAL CLASSROOM 121.
8. CONNECT TO A NEW 20A, 1-POLCE CIRCUIT BREAKER IN PANEL D.
9. PROVIDE 10-1/2" CONDUIT FROM ABOVE CEILING DOWN TO APPROXIMATELY 10'-0" ABOVE FINISHED FLOOR FOR CAMERA. RIGIDLY SUPPORT CONDUIT ABOVE CEILING. PROVIDE TRIP PIECE ABOVE CONDUIT AT CEILING.
10. NEW MONITOR LOCATION. PROVIDE SINGLE-3/4" MUD RING FOR DATA AND A/V CABLE RECEPTACLE. PROVIDE 2" CHASE AND ADJACENT TO EACH OTHER. REMOVE AND REINSTALL WALL MOUNTED SOUND BOARD AS NEEDED. CUT /CHANNEL WALL TO RECESS RACEWAYS AND BOXES. CONTAIN CUT DUST IN TRAY. GROUT CHANNEL IN. GROUT TO BE SIMILAR COLOR AS WALL. CUT WALL SOUND BOARD FOR PVC FACELAPTES. ALSO CUT SOUND BOARD FOR MONITOR BRACKET. COORDINATE SIZE OF BRACKET WITH OWNER. CUT SOUND BOARD SO CLOTH COVERING MATERIAL COVERS NEW OPENINGS.
11. CONNECT TO SPARE 20A, 1-POLCE CIRCUIT BREAKER IN EXISTING PANEL G.
12. A/V INTERFACE CONTROLLER. PROVIDE 3-5/8" MUD RING AND CHASE IN UNFILLED WALL CORE AND SLEEVE AT TOP OF WALL CAVITY FOR A/V CABLEING BY OTHERS. PROVIDE PULL STRING IN WALL FROM MUD RING TO AN ACCESSIBLE LOCATION ABOVE CEILING.
13. PROVIDE FLOOR-MOUNTED A/V RACEWAY SYSTEM SIMILAR TO AV-TRAC BY EXTRON ELECTRONICS. (SEE GENERAL NOTE B, THIS DRAWING). PROVIDE SURFACE MOUNTED RACEWAY ON WALL FROM STRUCTURE TO FLOOR-MOUNTED A/V RACEWAY SYSTEM. COLOR SHALL MATCH WALL. PROVIDE SURFACE RACEWAY TO ADJUST TO FLOOR FOR FLOOR-MOUNTED RACEWAY SYSTEM. PROVIDE WALL MOUNTED CABLE MANAGEMENT SYSTEM TO BE EQUIVALENT TO WIREMOLD 4000 SERIES STEEL RACEWAY.



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Architecture  
Engineering  
Construction

LISTED DRAWINGS SCALE(S) UNLESS REDUCED FROM ORIGINAL 30 x 42 FORMAT

## CONSULTANTS



DATE: 10/12/2012

PROJECT TITLE  
SDARNG  
BARRACKS/CLASSROOM  
BUILDING 802  
AUDIO/VISUAL DESIGN  
CAMP RAPID  
FMO #FRC460132F  
RAPID CITY, SD

## RAPID CITY, SD

ISSUES		
MARK	DATE	DESCRIPTION
CD	10/12/12	CONSTRUCTION DOCUMENTS
DD	07/06/12	DESIGN DEV DRAWINGS
SD	06/22/12	SCHEMATIC DRAWINGS

## REVISIONS

[illegible]

MARK	DATE	DESCRIPTION
PROJECT #		04121087
DRAWN BY		JNK
CHECK BY		DLB

SHEET TITLE

BUILDING 802 -  
FIRST FLOOR  
POWER & SIGNAL PLAN

SHEET NUMBER

# EY101

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## CONSTRUCTION DOCUMENTS